



# Production Scheduling Simplified (PSS)

# Production Scheduling Challenges

A stressed production supervisor in a busy factory, looking frustrated while checking multiple paper schedules and a cluttered whiteboard with messy notes and overlapping schedules. The background shows a chaotic production floor with workers waiting for instructions, machines idle, and confusion among staff.

Production Scheduling & utilization presents a challenging situation that has been a long-standing issue in the production industry.

## Key Pain Points :

- Lack Holistic view
- Machine breakdowns
- Manpower dependency
- Priority orders & Conflicts
- Manual rescheduling
- Bottleneck

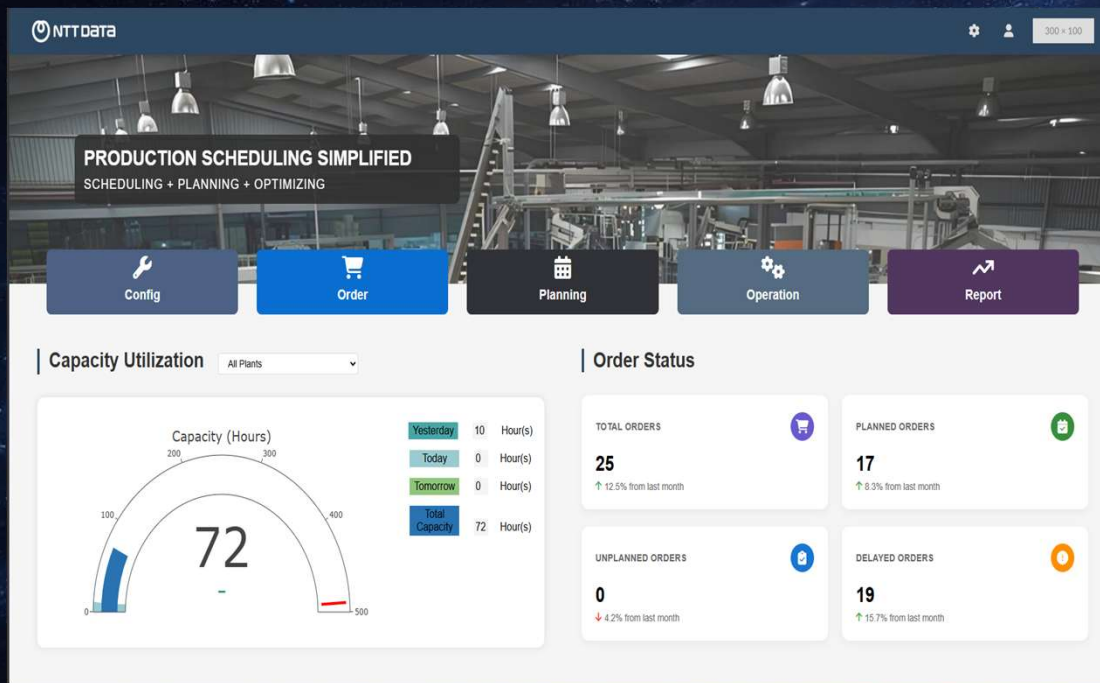
Schedulers spend **60–70% of their time firefighting**, not optimizing.

“Every plant plans well — yet every plant replans. That gap is where value is lost.”



# Production Scheduling Simplified

Production Scheduling Simplified is a smart, AI-based production planning and scheduling tool designed to optimize machine workloads, minimize bottlenecks, and enhance overall throughput.



## Automated Scheduling

- AI-driven rule-based optimization to allocate jobs efficiently



## Constraint builder for optimisation



## Real-Time Updates

Live tracking of shop floor status and instant rescheduling options



## Machine Load Balancing

Evenly distributes tasks across available resources to maximize efficiency



## Interactive Gantt & Calendar Views

Regular machine scheduling for better visualization and planning.



## Mobile interface

Shop floor monitoring

“This is not an IT tool — it is a business performance enabler.”

# Our Enterprise Innovation Portfolio



**Production Scheduling Simplified** – AI-powered production planning and workflow optimization tool



**Vendor Collaboration Simplified** – Secure online platform where suppliers can manage orders, invoices, payments and documents



**OCR & Vendor Onboarding (Optical Character Recognition)**  
Enables document digitization and data extraction



**Kaira** – Unified internal communication platform for automated alerts/reminders



**Employee Check-in System** – Real time attendance and workplace monitoring tool



**R & R (Rewards and Recognition)** – Platform to manage employee recognition programs



**HR Automation** – Automating HR operations such as onboarding, offboarding, leave



**GLASSWING** – Delivering transparency, transformation and a clear view of your master data